

# Stormwater Pollution Prevention Plan Evaluation

## North Dakota Department of Transportation

\_\_\_\_\_ District, \_\_\_\_\_, \_\_\_\_\_ ND \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

| PROJECT INFORMATION  | REVIEWED BY:   |    |          |
|--|--|----|----------|
| Project #: _____<br>PCN: _____   | <div style="display: flex; justify-content: space-around;"> <div>_____ (Name)</div> <div>_____ (Date)</div> </div> |    |          |
| SWPPP Component  | Yes  | No | Comments |
| Site description with type of construction activity  |  |    |          |
| Estimates total land disturbance area  |  |    |          |
| Describes the soil within the disturbed area   |  |    |          |
| Names the waters or storm sewer systems that will receive runoff   |  |    |          |
| All outfalls identified  |  |    |          |
| All pollutant sources, storm water and non-storm water identified. (Pollution can include nutrients, suspended solids, organic carbon, bacteria, hydrocarbons, trace metals, pesticides, chlorides, thermal impacts and trash and debris)  |  |    |          |
| States whether or not the project discharges within 2000 feet, and flows to, a stream listed as impaired for sediment, suspended solids or turbidity. If so, the water body name and impairment must be listed. (obtained from the NDDoH)  |  |    |          |
| Identifies a person who will oversee the implementation of the SWPPP and the installation, inspection and maintenance of the BMPs before and during construction.  |  |    |          |
| Contains a physical description of the best management practices (BMP's) both temporary and permanent. This should include how off site vehicle tracking will be addressed.  |  |    |          |
| Explains site and physical conditions that must be addressed for effective use of the BMP's  |  |    |          |
| Describes BMP installation/construction procedures, including typical drawings.  |  |    |          |
| Describes operation and maintenance procedures for the BMP's chosen. Include a schedule for maintenance.   |  |    |          |
| States whether the BMP is temporary or permanent.  |  |    |          |
| Describes or shows where, in relation to other site features, the BMP's are to be located.   |  |    |          |
| Details when the BMP will be installed in relation to each phase of the land disturbance procedures to complete the project and what site conditions must be met before the removal of the BMP's if the BMP's are not permanent. Includes a time schedule for this implementation.                                       |  |    |          |
| States temporary stabilization details should areas with a continuous positive slope within 200 lineal feet of a surface water be left undisturbed for more than 21 days.  |  |    |          |
| States bench marks to be referenced for proper installation, as well as operation and maintenance of drainage course changes. Work in defined drainages or watercourses and their associated wetlands may require a permit from the U.S. Army Corps of Engineers pursuant to Section 404 of the federal Clean Water Act. |  |    |          |
| Discusses solid and hazardous waste management including trash containers.   |  |    |          |

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|---|-----|----|----------|
| Discusses spill prevention and response procedures for the adequate leak and spill protection for bulk petroleum storage areas.   |     |    |          |
| Discusses proper sanitation methods (i.e. portable toilets).  |     |    |          |
| Explains how the storage of construction materials will be kept away from drainage areas.   |     |    |          |
| Describes how concrete wash water, grindings and slurry will be handled to prevent discharge to waters of the state, storm sewer systems or allowed to drain onto adjacent properties.  |     |    |          |
| Describes the outlet control devices to be used.  |     |    |          |
| Details any dewatering activities. (Dewatering is to be limited to stormwater and groundwater that may collect on site. A separate permit must be obtained to discharge water from other sources.)  |     |    |          |
| Explains how dewatering is to be operated to minimize the release of sediment and provide adequate BMPs where necessary to minimize erosion due to the discharge, prevent sediment deposition due to the discharge, and not cause a visible plume in the receiving water.   |     |    |          |
| Includes a DAILY inspection schedule for dewatering activities and a documentation method.  |     |    |          |
| The plan coincides with any Total Maximum Daily Load (TMDL) requirements for impaired waters. (Only needed if the project discharges to a water body impaired for sediment, suspended solids or turbidity with a TMDL by NDDoH).  |     |    |          |
| The SWPPP shall require a sedimentation basin for each drainage area with 10 or more acres disturbed at one time. The sediment basin shall be sized to contain a volume of at least 3600 cubic feet per each disturbed acre draining thereto. Accumulated sediment shall be removed from the basin as needed to ensure the minimum volume of 3600 cubic feet is maintained. Discharges from the basin shall not cause scouring of the banks or bottom of the receiving stream. The SWPPP shall require the basin be maintained until final stabilization of the disturbed area served by the basin. |     |    |          |
| Where use of a sediment basin of this size is impractical, the SWPPP shall evaluate and specify other similarly effective BMPs to be employed to control erosion and sediment delivery. These similarly effective BMPs shall be selected from appropriate BMP guidance documents authorized by this permit. The BMPs must provide equivalent protection.<br><br>The SWPPP shall require both temporary and permanent sedimentation basins to have a stabilized spillway to minimize the potential for erosion of the spillway or basin embankment.  |     |    |          |
| The SWPPP shall contain a statement assuring that it will be amended when appropriate and include normal conditions which would warrant such change.  |     |    |          |
| The SWPPP shall contain a site inspection form and inspection log for use during weekly inspections or during storm water events. Inspections shall be performed once every 14 calendar days or within 24 hours after a storm event greater than 0.5 inches in any 24 hours period during active construction. Qualified personnel shall perform inspections and authorized persons shall sign reports.   |     |    |          |

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|--|-----|----|----------|
| <p>The site inspection shall include (at a minimum):</p> <p>Inspector's name</p> <p>Date and time of inspection</p> <p>Observations relative to the effectiveness of the BMPs</p> <p>Actions taken or necessary to correct the observed problem including when and who completed the maintenance</p> <p>Date and amount of all rainfall events greater than ½ inch in 24 hours</p> <p>Documentation that the SWPPP has been updated when substantial changes have been made</p> <p>A listing of areas where land disturbance operations have permanently or temporarily stopped.</p> |     |    |          |
| <p>The inspection report shall be signed by the permittee or by the person performing the inspection if duly authorized to do so.</p> <p>Copies of inspection reports shall be maintained for three years from the date permit coverage expires.</p>   |     |    |          |
| <p>A rain gauge near the site or the nearest National Weather Service precipitation gauge station shall be used to determine rainfall onsite. Any gauge used shall be located within 5 miles of the stormwater discharge.</p>  |     |    |          |
| <p>The SWPPP shall indicate the portions of the project for which each operator has control over day-to day activities.</p>  |     |    |          |
| <p>Contractors shall be notified of the provisions of the SWPPP and a copy shall be provided to all contractors or sub-contractors involved with pre-stabilization activities. A provision must be included to notify all applicable contractors of changes made to the SWPPP.</p>   |     |    |          |
| <p>Demonstrates that SWPPP training has been provided to employees at least annually, as new employees are hired, or as necessary to ensure compliance.</p>  |     |    |          |
| <p>The owner as well as all relevant contractors and sub-contractors shall sign the SWPPP and should list where <u>on site</u> it will be kept throughout the project.</p>   |     |    |          |
| <b>SITE MAP</b>  |     |    |          |
| <p>In addition to the narrative portion of the SWPPP, a site map shall be included. Applicable topographic lines shall be shown. The site map shall include:</p>   |     |    |          |
| <p>Drainage patterns and slopes anticipated before and after major grading activities are completed.</p>   |     |    |          |
| <p>Boundary lines for land disturbance activities.</p>   |     |    |          |
| <p>Existing and planned streets, buildings, lots, utilities, geographic features, buffer strips and waterways.</p>   |     |    |          |
| <p>All outfalls labeled.</p>   |     |    |          |
| <p>Locations where stabilization practices area expected to occur</p>  |     |    |          |
| <p>Shows surface waters, including aerial extent of wetland acreage</p>  |     |    |          |
| <p>All BMP's both temporary and permanent.</p>   |     |    |          |
| <p>All sedimentation basins.</p>   |     |    |          |
| <p>Site maps for all off-site concrete/asphalt batch plants, equipment staging areas, borrow sites and/or excavated fill material disposal sites.</p>  |     |    |          |
| <p>The map shall include a legend, which describes all symbols used. Whenever symbols fail to satisfactorily convey the requisite information, notes shall be used.</p>  |     |    |          |

Comments: